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(54)	ROOF BATTEN			
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(56)	References Cited U.S. PATENT DOCUMENTS			

5/1965 Smith

4/1976 Sells

6/1975 Melead

10/1980 Roberts

10/1980 Roberts

2/1989 Sells 7/1990 Spinelli

2/1989 Fiterman

4/1991 Todisco

12/1979 Erb 126/674

9/1991 McFarland 206/586

3,185,070 A

3,889,892 A

3,949,657 A

4,178,914 A

D257,282 S

D257,283 S

4,803,813 A

4,807,409 A 4,942,699 A

5,005,330 A

5,048,689 A *

5,054,254	Α	10/1991	Sells
5,092,225	Α	3/1992	Sells
5,094,041	Α	3/1992	Kasner et al.
5,099,627	Α	3/1992	Coulton et al.
5,242,736	Α	9/1993	Van Erden et al.
5,304,095	Α	4/1994	Morris
5,319,908	Α	6/1994	Van Erden et al.
5,328,407	Α	7/1994	Sells
5,331,783	Α	7/1994	Kasner et al.
5,349,804	Α	9/1994	Van Erden et al.
5,419,867	Α	5/1995	Van Erden et al.
5,427,571	Α	6/1995	Sells
5,603,657	Α	2/1997	Sells
5,641,551	Α	• 6/1997	Simpson et al 428/43
5,651,734	Α	7/1997	Morris
5,673,521	Α	10/1997	Coulton et al.
5,711,116	Α	1/1998	Hasan
5,816,014	Α	10/1998	Tzeng et al.
5,947,817	Α	7/1999	Morris et al.

* cited by examiner

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(57) ABSTRACT

A roof batten for use in spacing tiles or similar exterior roofing members from a roof overlayment is provided. In one embodiment, the batten includes at least one layer of a corrugated plastic material with a pair of generally planar plies and a convoluted ply cooperating with the planar plies to define a multiplicity of passages. The passages allow drainage of water infiltrating the tiles and further promote drying.

22 Claims, 4 Drawing Sheets

